CITY OF BLOOMINGTON MINNESOTA

Request for Council Action

Originator	Item
Engineering	**Adopt a resolution to accept the feasibility study and order Northeast Penn Storm Sewer Improvement Project (2016-905)**
Agenda Section	Date
Public Hearing Transportation	3/21/2016

Description

The intersection of American Boulevard W. and Knox Avenue S. experiences flooding on a regular basis. Over the years, Engineering staff and consultants have studied the drainage area and have suggested potential public infrastructure solutions to the flooding. Each suggested solution to date has been deemed cost prohibitive or not feasible.

One of the reasons that flooding occurs in this area is that the developments that occurred in the past were not required to treat or control the stormwater runoff from their private property. The result has been flooding at the low point of American Boulevard W. and Knox Avenue S. with high water stretching outside of the public right-of-way and onto private property.

After years of studying this issue, the solution is not purely a public infrastructure project, but rather a combination of public and private projects. The first phase that staff recommends is to handle the flood contributing areas in the rights-of-way as a public project. Future phases will occur on private property with future development or redevelopment in the Penn American District. The policy for requiring private stormwater infrastructure projects will be handled through a separate City Council hearing process.

This project includes constructing a new stormwater storage system under the future W. 80-1/2 Street right-of-way between Morgan Circle and Knox Avenue S. In addition, associated stormwater conveyance pipes and a lift station will be constructed with the project. The estimated project cost is approximately $6.7 million with the funding coming from bonds that will be paid back by the Storm Utility Fund.

Attached are the Feasibility Report and a project map for City Project 2016-905.

Prepared by: Jen Desrude (Development Coordinator)
Presented by (if needed): Bryan Gruidl (Sr. Water Resources Manager)

Requested Action

It is recommended that Council adopt the attached resolution to accept the feasibility study and order the project for construction.

Attachments:

Resolution
Feasibility Report
Project Map